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Copy 29Attachment to Z-15690/83  
NPIC/PEG (11/83)**PROBABLE MISSILE TEST PREPARATIONS**  
**ST. LUCIA ROCKET RANGE, SOUTH AFRICA**

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1. **SIGNIFICANCE:** PROBABLE PREPARATIONS FOR A TEST LAUNCH OF THE SOUTH AFRICAN CACTUS SAM SYSTEM ARE IN PROGRESS. (SWN)
2. **REMARKS:** ONE NET-COVERED PROBABLE CACTUS ACQUISITION UNIT AND AN UNIDENTIFIED TRAILER (POSSIBLY AN OPTICAL TRACKING VEHICLE) ARE AT THE POSSIBLE LAUNCH SITE. A LARGE LOWBOY TRAILER IS NEAR THE ADJACENT OPTICAL TRACKING STATION. A PROBABLE CACTUS FIRING UNIT IS ON THE ROAD SOUTHEAST OF THE POSSIBLE LAUNCH SITE. THIS UNIT IS NEXT TO A LARGE TRACTOR-TRAILER WHICH MAY BE AN INSTRUMENTATION TRAILER. A POSSIBLE GENERATOR TRAILER IS ALSO NEARBY. AT LEAST FOUR VEHICLES ARE IN THE SUPPORT AREA. (SWN)

ST. LUCIA ROCKET RANGE IS THE MAJOR SOUTH AFRICAN MISSILE RESEARCH AND DEVELOPMENT AND OPERATIONAL FLIGHT TEST RANGE. THE CACTUS MOBILE SHORT-RANGE SAM SYSTEM IS A MODIFIED FRENCH CROTALE MISSILE SYSTEM. A CACTUS FIRING UNIT CONSISTS OF FOUR LAUNCH TUBES AND A PULSE-DOPPLER RADAR MOUNTED ON A TWO-AXLE VEHICLE. A CACTUS ACQUISITION UNIT UTILIZES A SIMILAR TWO-AXLE VEHICLE WITH A SURVEILLANCE RADAR THAT CAN CONTROL UP TO THREE FIRING UNITS. (SWN)

3.  COORDINATES 28-01-18S 032-26-49E

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